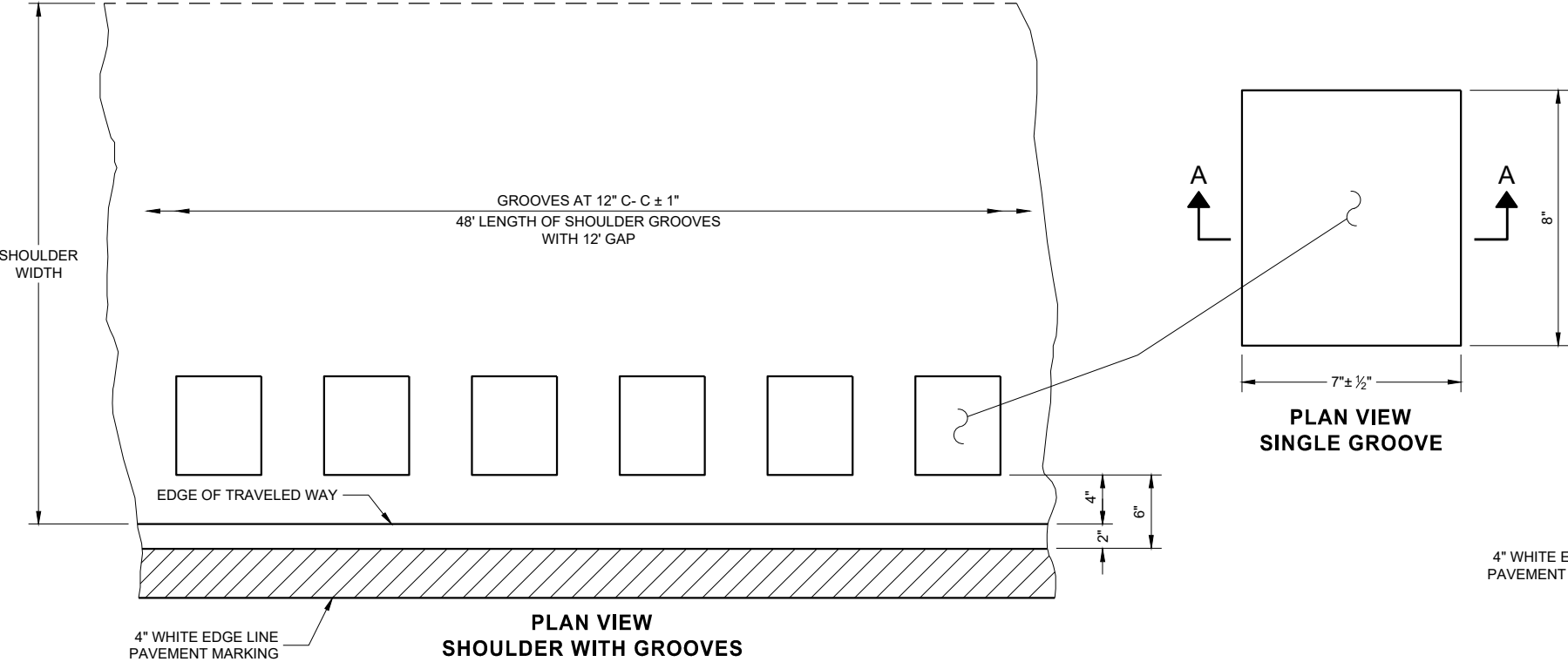


SDD 13A10-a 2-Lane Rural Shoulder Rumble Strip, Milling - Type 1



6

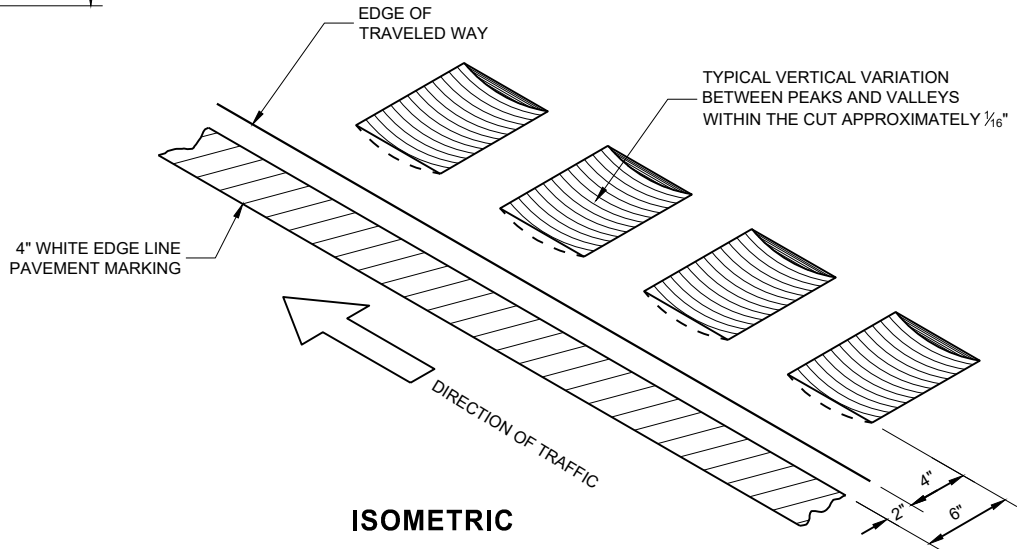
PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP

GENERAL NOTES

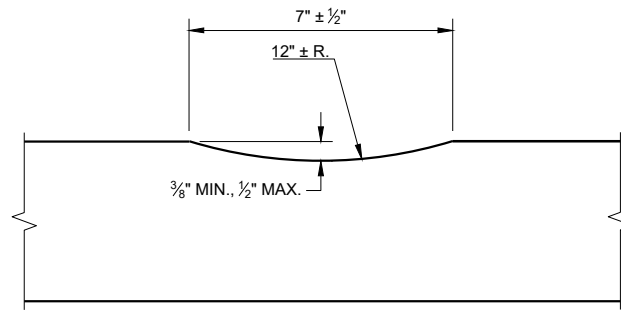
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

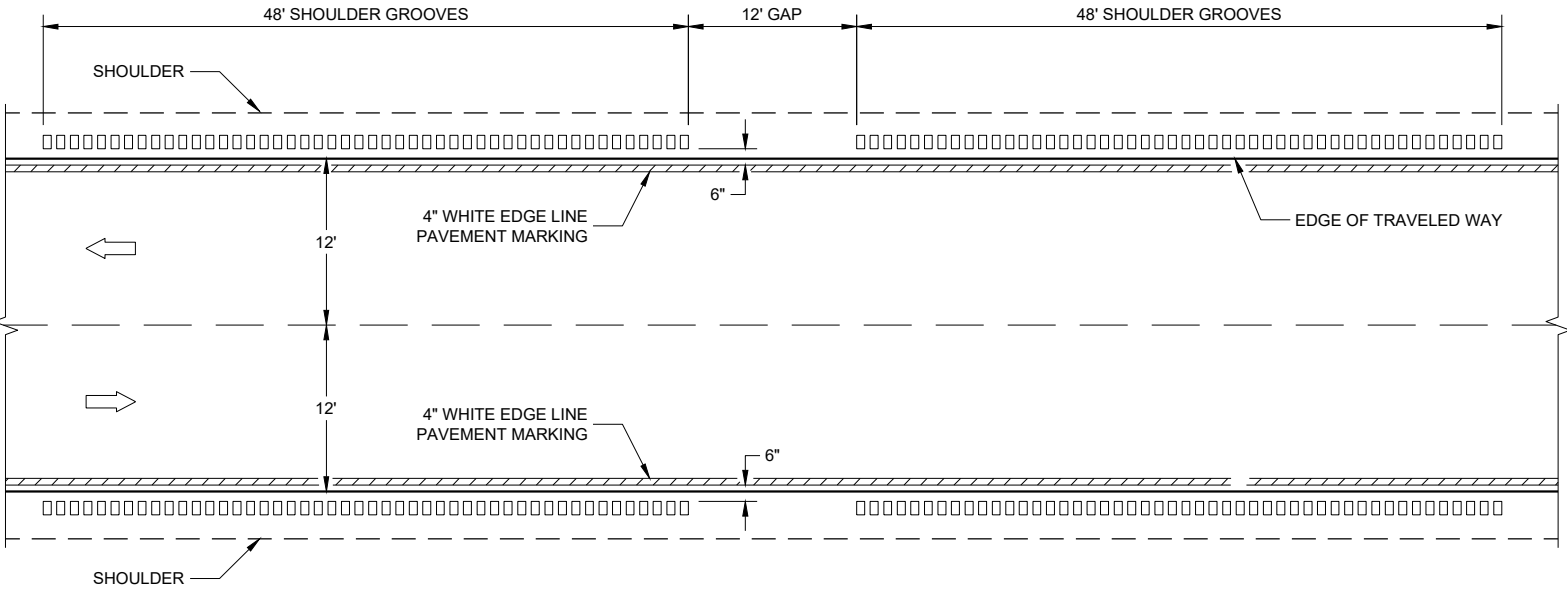
- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



SECTION A - A



TYPE 1
2 - LANE SHOULDER RUMBLE STRIP

2-LANE RURAL SHOULDER
RUMBLE STRIP, MILLING

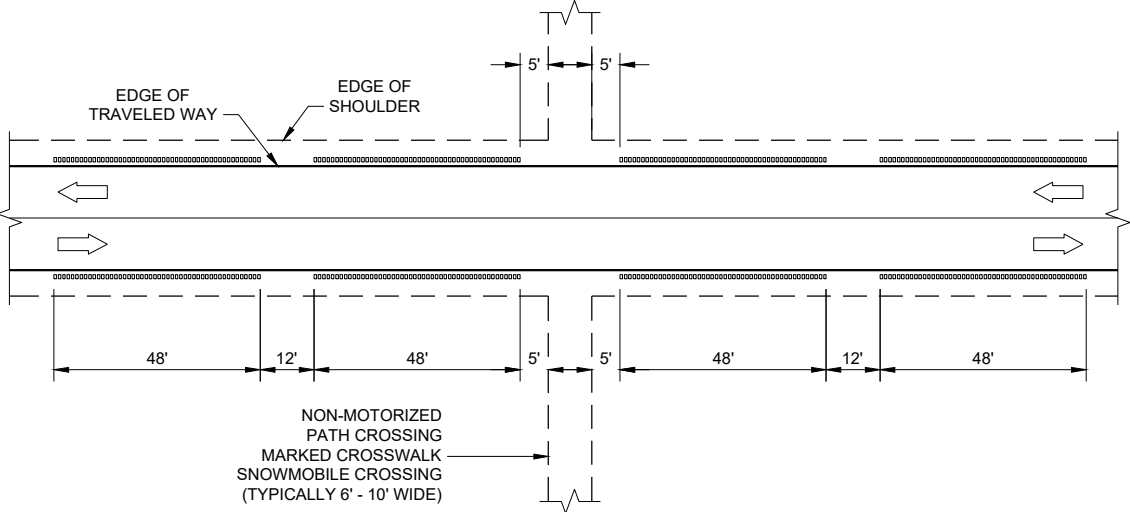
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



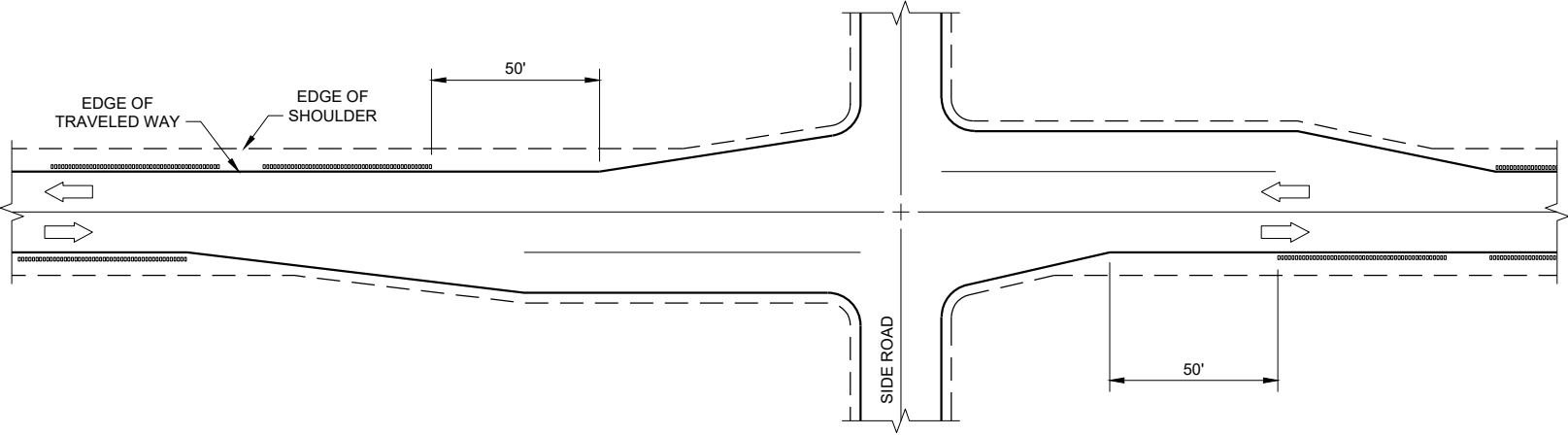
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



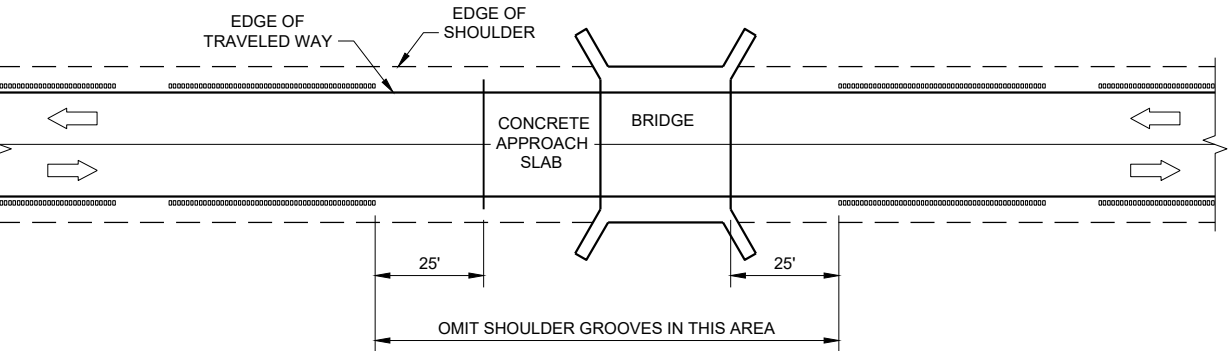
SDD 13A10-c 2-Lane Rural Shoulder Rumble Strip, Milling - Crossings, Intersections, Bridges, Driveways



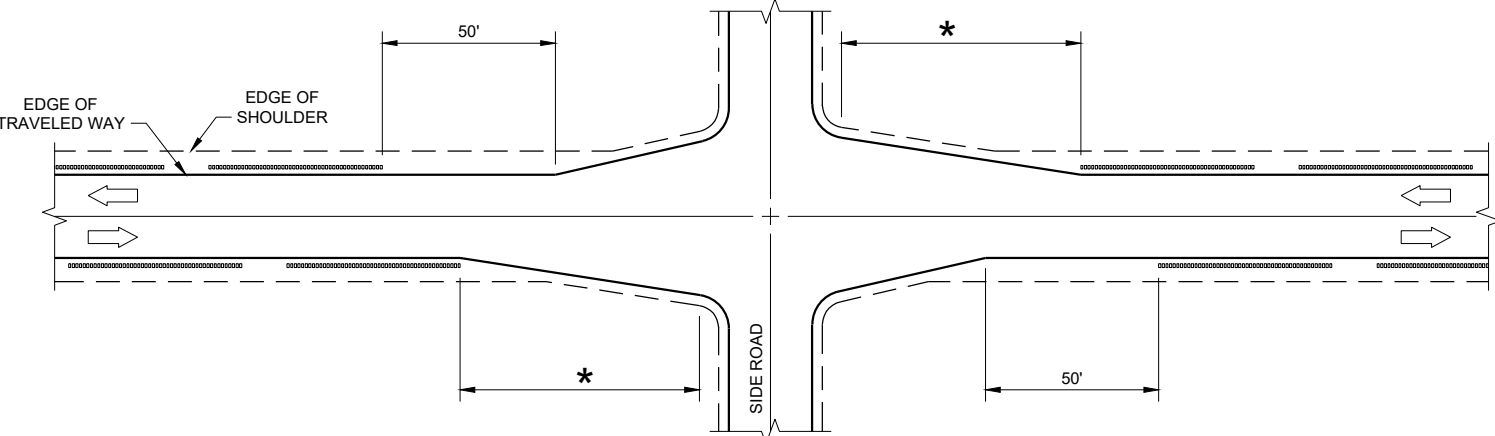
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



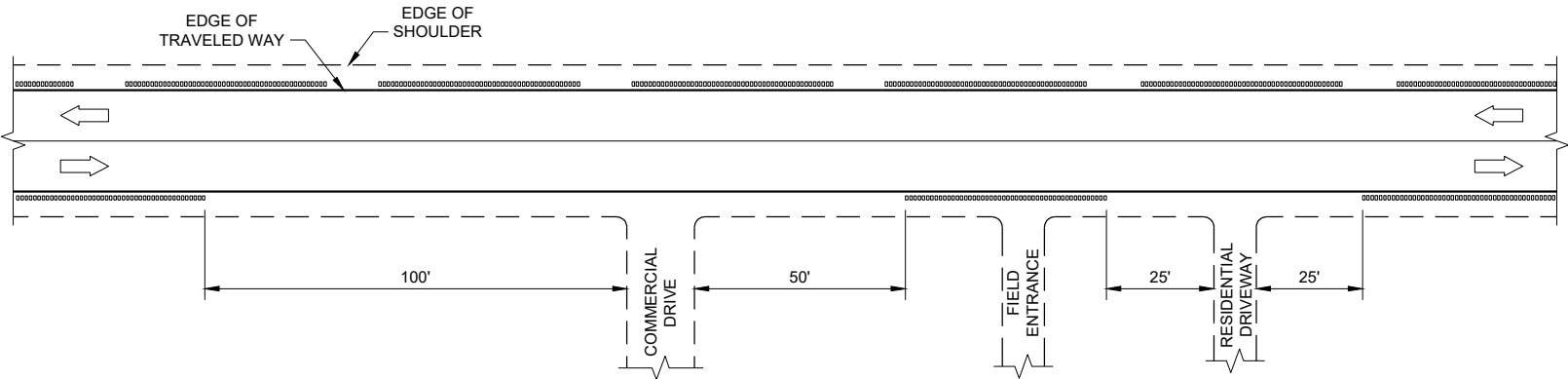
SHOULDER GROOVES AT RIGHT TURN LANE



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT INTERSECTIONS WITH APPROACH TAPER



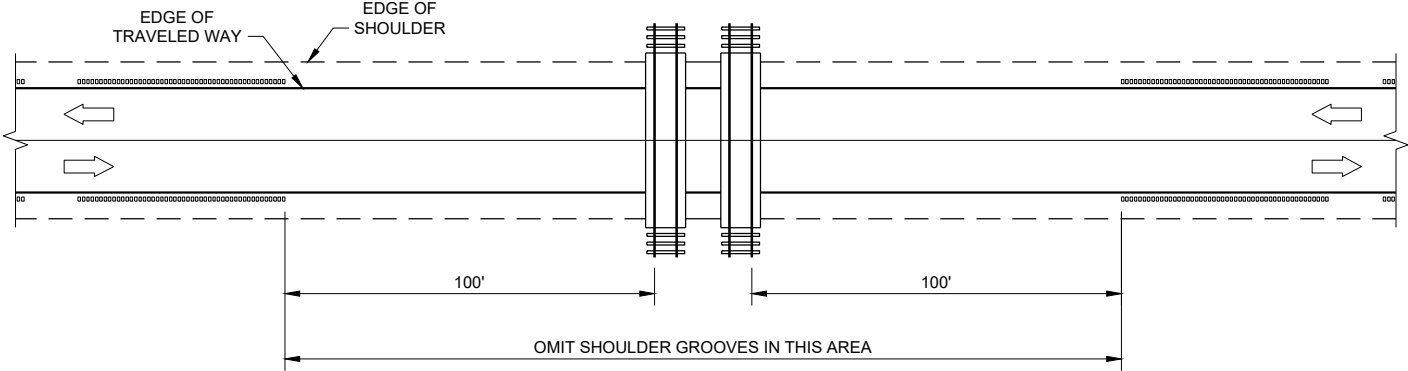
SHOULDER GROOVES AT DRIVEWAYS^①

GENERAL NOTES

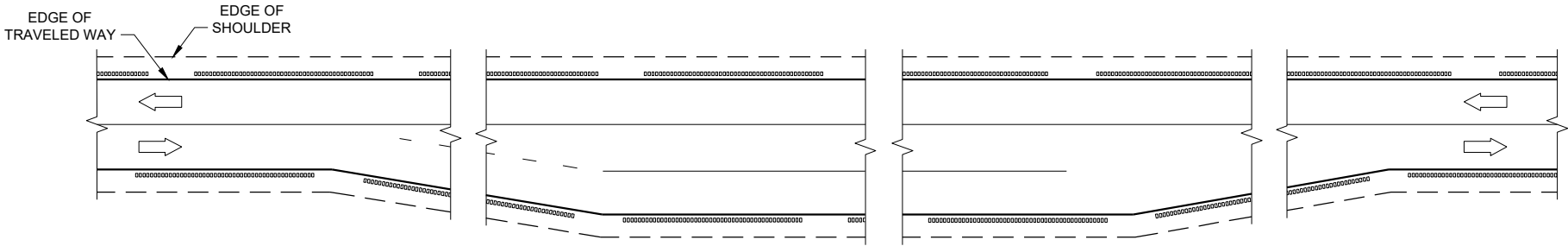
- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

**2-LANE RURAL SHOULDER
RUMBLE STRIP, MILLING**

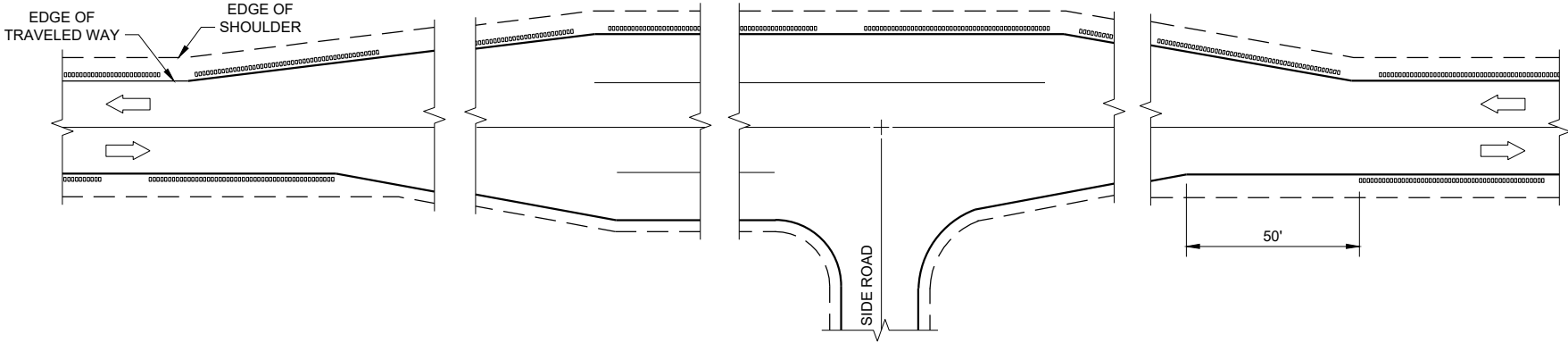
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SHOULDER GROOVES AT RAILROADS



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

**2-LANE RURAL SHOULDER
RUMBLE STRIP, MILLING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/2018

DATE

FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

*2-Lane Rural Shoulder Rumble Strip, Milling***References:**[FDM 11-15-1.5](#)Traffic Engineering, Operations and Safety Manual ([TEOpS Chapter 3](#))
MUTCD Section 3B**Bid items associated with this drawing:**

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
465.0425	Asphaltic Shoulder Rumble Strip 2-Lane Rural	LF

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
None	

Other SDDs associated with this drawing:

SDD 15C8	Pavement Marking, Sheets a to f (mainline, intersections, climbing and passing lanes, left turn lanes and islands, stop line and cross walk) are required.
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Design Notes:

Include the quantity and location of Type 1 and Type 2 rumbles in the miscellaneous quantities.

Appropriate use guidelines for Type 1 and Type 2 rumbles are provided in [FDM 11-15-1.5](#). The Type 1 is off-set from the edge line. The Type 2 is sometimes referred to a rumble stripe with pavement marking on the rumble strip.Refer to [SDD 15C8](#) for pavement marking bid item numbers, STSP numbers, and references.**Contact Person:**

Mark Zander (608) 267-7327